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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,964	03/11/2004	Hung-Te Chou	3313-1138P	4008
2292 7590 08/02/2007 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER DANG, HUNG Q	
			ART UNIT 2621	PAPER NUMBER
			NOTIFICATION DATE 08/02/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary

Application No.

10/796,964

Applicant(s)

CHOU, HUNG-TE

Examiner

Hung Q. Dang

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

Claim 7 is objected to because of the following informalities: Claim 7 recites "the matching item are displayed ...". It should be "the matching item is displayed ...".

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Kim (US Patent 6,754,435).

Regarding claim 1, Kim discloses a method of searching and playing back video data based on caption-based information (column 1, lines 11-17, 56-67), a user interface being provided to a user for inputting a search information (Fig. 14; column 1, lines 62-67), and the method searching and playing back a specific section of the video data according to the search information (column 1, lines 56-67), the method comprising the steps of: reading caption-based information of the video data (column 2, lines 24-30); establishing a search table based on the caption-based information (column 2, lines 24-30, 65-67; Fig. 12; column 5, lines 17-60); reading a search information (column 2,

lines 32-33; column 7, lines 43-45); searching the search table so as to find out the caption-based information matching to the search information (column 2, lines 17-20); setting a play information (column 7, lines 43-47); and playing the video data according to the play information (column 2, lines 21-23; column 7, lines 54-57).

Regarding claim 2, Kim also discloses the search table comprises at least one sentence (Fig. 14) and its corresponding starting play queue information (column 2, lines 25-30).

Regarding claim 3, Kim also discloses the starting play queue information is a time value (column 2, lines 25-30).

Regarding claim 4, Kim also discloses the starting play queue information is a data amount (Fig. 2; "data amount" is specified by the difference of "Start Address" and "End Address").

Regarding claim 5, Kim also discloses the step of searching the search table includes the steps of: listing at least one matching item matching the search information (Fig. 14); and selecting one item from the matching item (column 2, lines 32-33; column 7, lines 43-45).

Regarding claim 6, Kim also discloses each of the matching items comprises at least one word data and a time data (Fig. 14; column 2, lines 25-30).

Regarding claim 7, Kim also discloses the matching item is displayed in a selection table (Fig. 14; column 7, lines 48-53).

Regarding claim 8, Kim also discloses the selection table is provided for the user to make a selection (Fig. 14; column 2, lines 32-33; column 7, lines 43-45).

Regarding claim 9, Kim also discloses the user interface has an input field for the user to enter the search information (Fig. 14; "Key I/F 23", "User Key Input" in Fig. 13; column 7, lines 7-8).

Regarding claim 10, Kim discloses a method of playing video data by word searching for a user to use a search key and the caption data of video data to search and play the video data on a video playing device (column 1, lines 11-17, 56-67; Fig. 14; column 7, lines 7-8), the method comprising the steps of: reading in the caption data of the video data (column 2, lines 24-30); detecting the depression of the search key (column 2, lines 32-33; column 7, lines 43-45; column 7, lines 7-8); reading in the time data of the current video data (column 2, lines 17-30); and adjusting the video data playing (column 7, lines 41-47, 54-57).

Regarding claim 11, Kim also discloses the caption data include a plurality of sentence data (Fig. 14).

Regarding claim 12, Kim also discloses each of the sentence data contains corresponding starting play queue information (Fig. 14; column 2, lines 25-30).

Regarding claim 13, Kim also discloses each of the sentence data has an item-attribute ("Start Address", "End Address", "Location #1", and "Location #2" etc. in Fig. 12).

Regarding claim 14, Kim also discloses the item-attribute is a seekable video location of numerical type ("Start Address", "End Address", "Location #1", and "Location #2" etc. in Fig. 12).

Regarding claim 15, Kim also discloses the step of adjusting the video data playing includes the steps of: setting a play time according to the starting play queue information (column 2, lines 25-30; column 7, lines 41-47, 54-57); and playing the video data according to the playtime (column 2, lines 25-30; column 7, lines 41-47, 54-57).

Regarding claim 16, Kim et al. also disclose the step of setting a playtime according to the starting play queue information uses the starting play queue information of the previous sentence as the playtime (column 2, lines 25-30; column 7, lines 41-47, 54-57; in the case the "captions are scrolled down outside of the current entry of the PTT table in column 8, lines 24-32).

Regarding claim 17, Kim et al. also disclose the step of setting a playtime according to the starting play queue information uses the starting play queue information of the next sentence as the playtime (column 2, lines 25-30; column 7, lines 41-47, 54-57; in the case the "captions are scrolled up outside of the current entry of the PTT table column 8, lines 24-32).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is 571-270-1116. The examiner can normally be reached on M-Th:7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2621

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hung Dang
Patent Examiner

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